

# git (up to speed)

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**january 2017**

**distributed  
version  
control**

**distributed**  
**version**  
**control**

**record  
changes  
overtime**

**distributed**  
**version**  
**control**

**distributed  
version  
control**

**no internet  
required**

**no single  
point of  
failure**

**local copy  
is full  
repository**

git

*making you feel stupid since 2005*

A photograph of a person in a red long-sleeved shirt and yellow pants riding a skateboard down a city street. The person is leaning into a turn, and the background shows blurred buildings and trees, suggesting motion.

**fact #1**

**git is fast**

snapshots,  
not diffs

everything  
is local



fact #2  
git is  
reliable

**non-**  
**destructive**

integrity-  
checked

fact #3

git is  
simple

**not easy,  
but simple**

create  
repository

**anatomy of a commit**  
**repository content**  
**commit message**  
**parent(s)**  
**author identity**  
**date**

# **anatomy of a commit repository content**

**commit message**

**parent(s)**

**author identity**

**date**

# anatomy of a commit

## repository content

commit message

parent(s)

author identity

date

**anatomy of a commit**

**repository content**

**commit message**

**parent(s)**

**author identity**

**date**

**anatomy of a commit**  
**repository content**  
**commit message**  
**parent(s)**  
**author identity**  
**date**

**anatomy of a commit**

**repository content**

**commit message**

**parent(s)**

**author identity**

**date**

**sha**

**7cf2a17f3345635d59e063cffddd23573b6e4a75**

**git**  
**everything is a sha**

**ad series**

---

**add authors**  
**isolate**  
**work**  
**commit**  
**share**

**add more series**  
**isolate**  
**work**  
**commit**  
**share**

**add more series**  
**isolate**  
**work**  
**commit**  
**share**

**add more series**  
**isolate**  
**work**  
**commit**  
**share**

**meanwhile**  
*images would be nice...*

**add cover images**

**isolate**

**work**

**commit**

**share**

**meanwhile  
the series are restless...**

**add more series**  
**isolate**  
**work**  
**commit**  
**share**

**add even more series**

add more images

**meanwhile  
this is getting messy...**

**rebase!**  
**add missing images**

**rebase can be dangerous**  
**"lost" commits**

**except...**

**git is non-destructive**  
**your commits are still there**

**takeaways**

git is  
simple

**branches  
are your  
friends**

git doesn't  
lose things

git is fun!

**thanks**

**find me on the web**

**@wasnotrice**



# Resources

- Git for ages 4 and up (Michael Schwern)
  - Simple made easy (Rich Hickey)
    - asciinema
    - deckset